Joint Continuous Strike Environment (JCSE)

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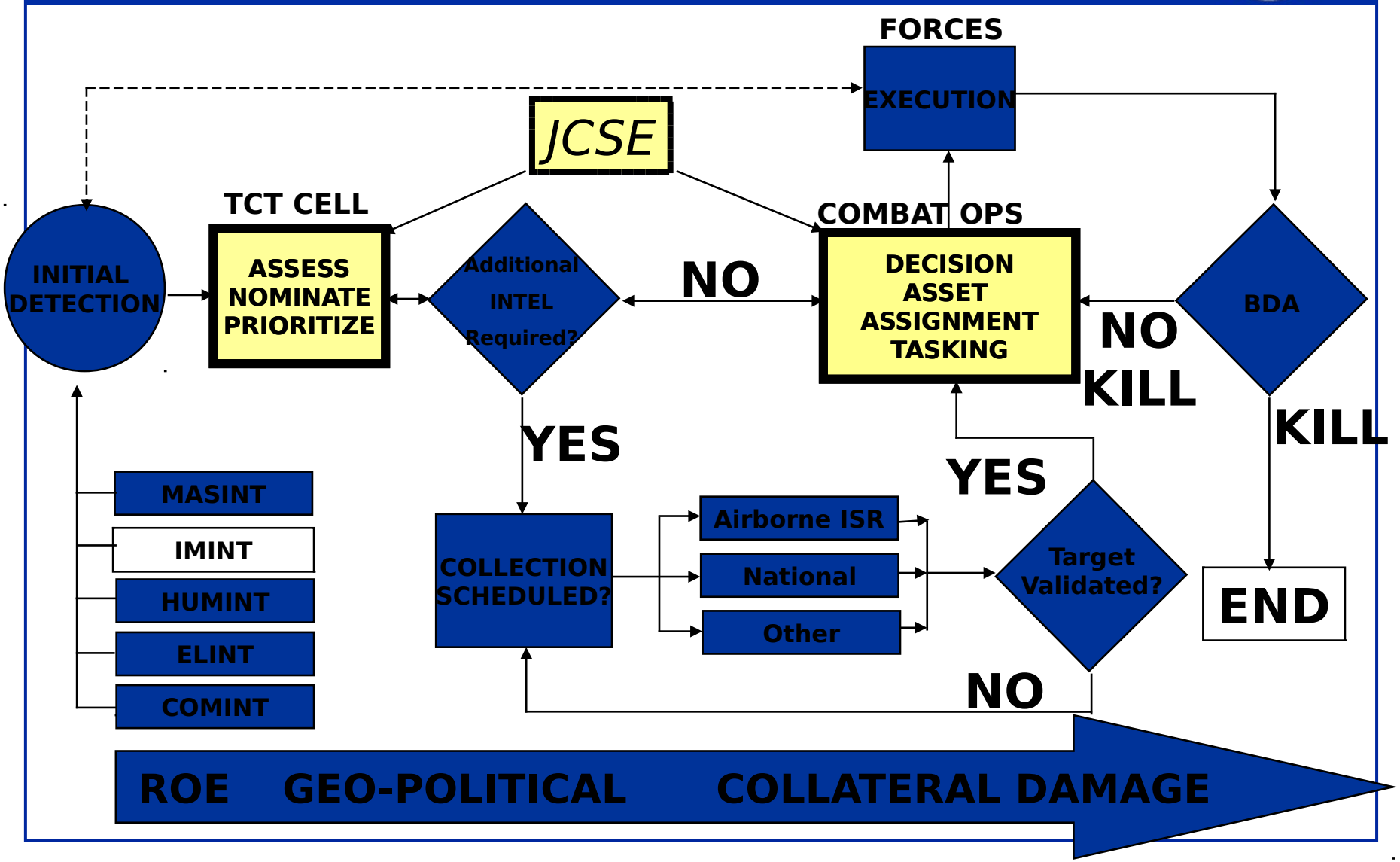
Mission and Objectives

Mission: Provide Commanders With Optimum Joint Attack Options to Employ Against Time Critical Targets

Objectives: - Reduce Time Critical Target Weapons Target Pairing Decision Time to Single Digit Minutes

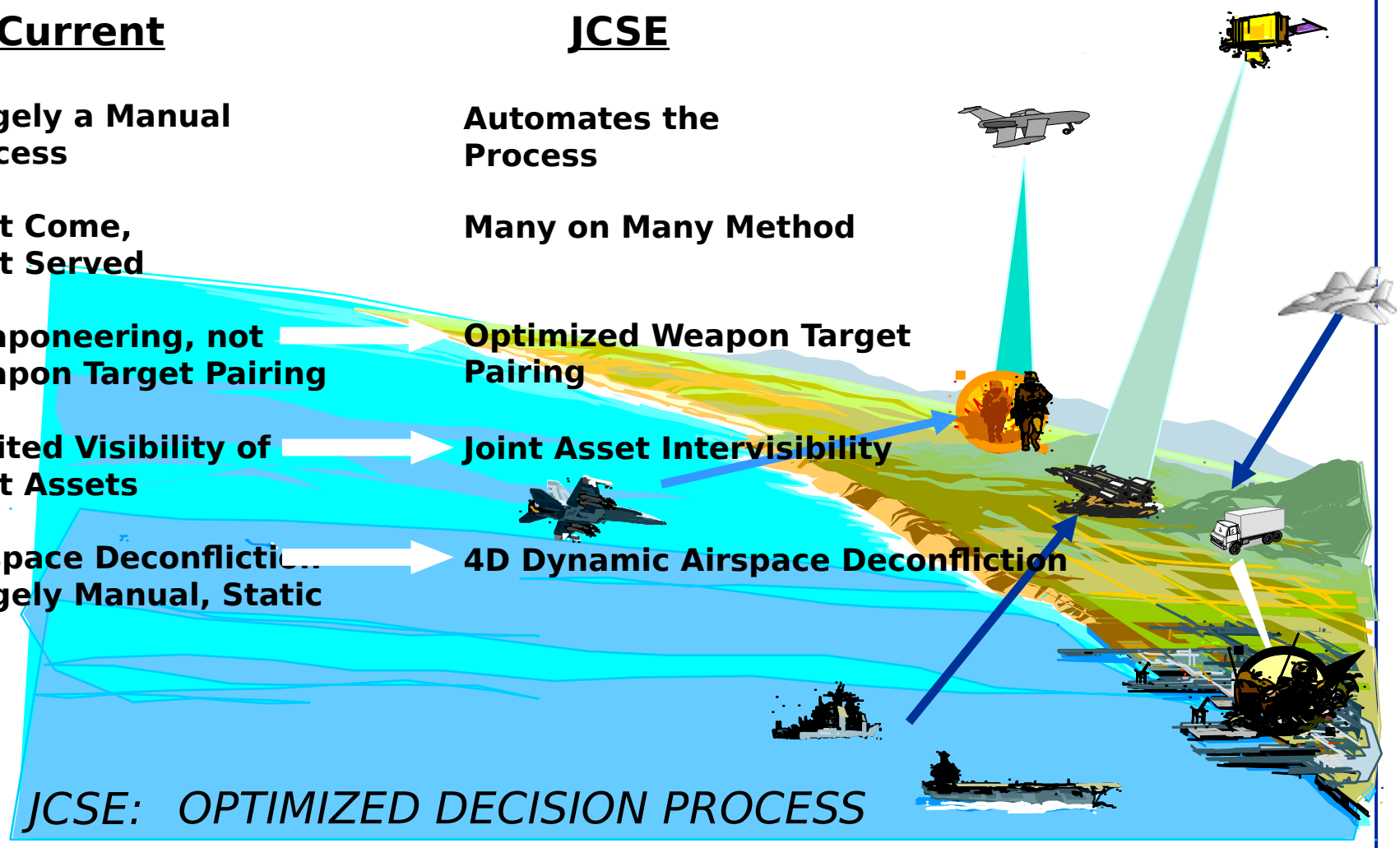
- Optimize Weapon Target Pairing Across the Joint Task Force Area of Responsibility
- Support all Theaters
- Improve all Components Situational Awareness of Time Critical Target Actions

JCSE's Role in the TCT Notional Architecture*



TCT Decision Process Shortfalls

Current	JCSE
Largely a Manual Process	Automates the Process
First Come, First Served	Many on Many Method
Weaponeering, not Weapon Target Pairing	Optimized Weapon Target Pairing
Limited Visibility of Joint Assets	Joint Asset Intervisibility
Airspace Deconfliction Largely Manual, Static	4D Dynamic Airspace Deconfliction



JCSE: OPTIMIZED DECISION PROCESS

Core Capabilities

Automated Target Prioritization

Constantly update prioritized list of emerging targets

Continuous Weapon Availability Monitoring

Continuously Analyze Information on the Operational Status of Attack Assets

Optimized Weapon Target Pairing

Combine Prioritized Target List and Weapon Availability to Most Effectively Employ Assets on Emerging Targets

Near Real Time Airspace Deconfliction

Deconflict Airspace to Allow Timely Engagement of Immediate Targets

Strikes Within Target Cycle Times

Automated Target Prioritization (ATP) for a Dynamic Target List

Communications

Command Control

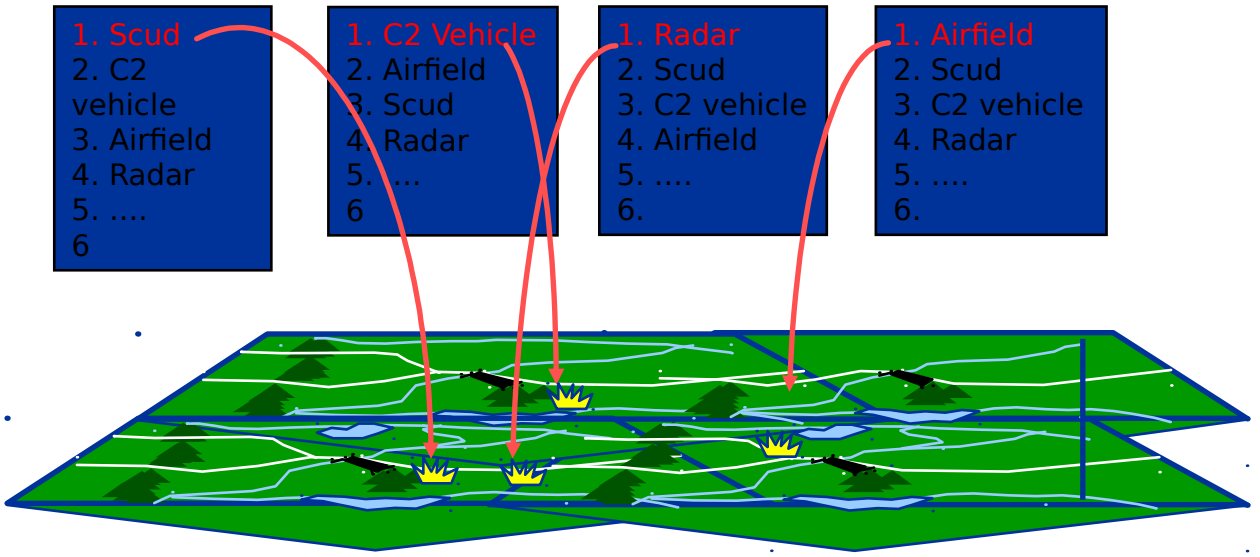
Logistics Sites

Airfields

Radars

SCUDS

Time Sensitive Targets

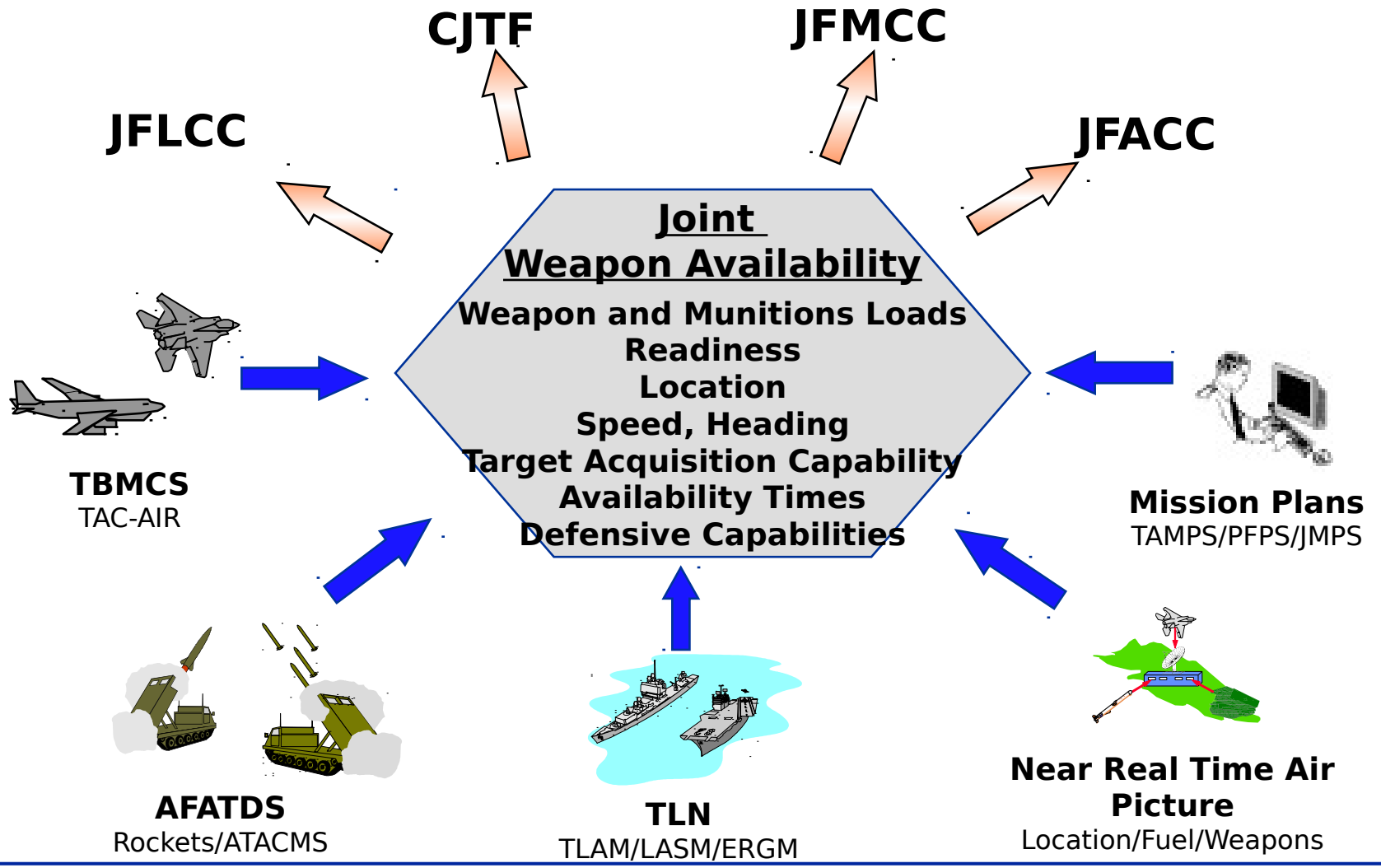


Prioritization factors

- Commander's Guidance
- Target Dwell Time
- Threat to current operations
- Threat to planned operations
- Supports Strategy to Task

Integrate Dynamic Battlespace with Commander's Guidance

Continuous Weapon Availability Monitoring (CWAM)

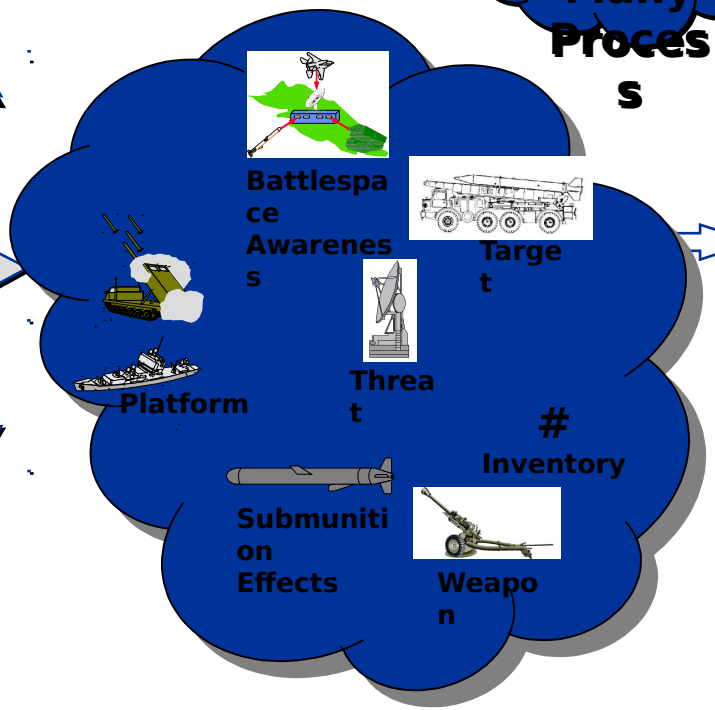


Optimized Weapon Target Pairing (OWTP)

Automated Target Prioritization
Dynamic Prioritized List

Dynamic Airspace Deconfliction
Conflicts – Deconfliction Measure

Weapons Availability Monitor
-Current and Planned



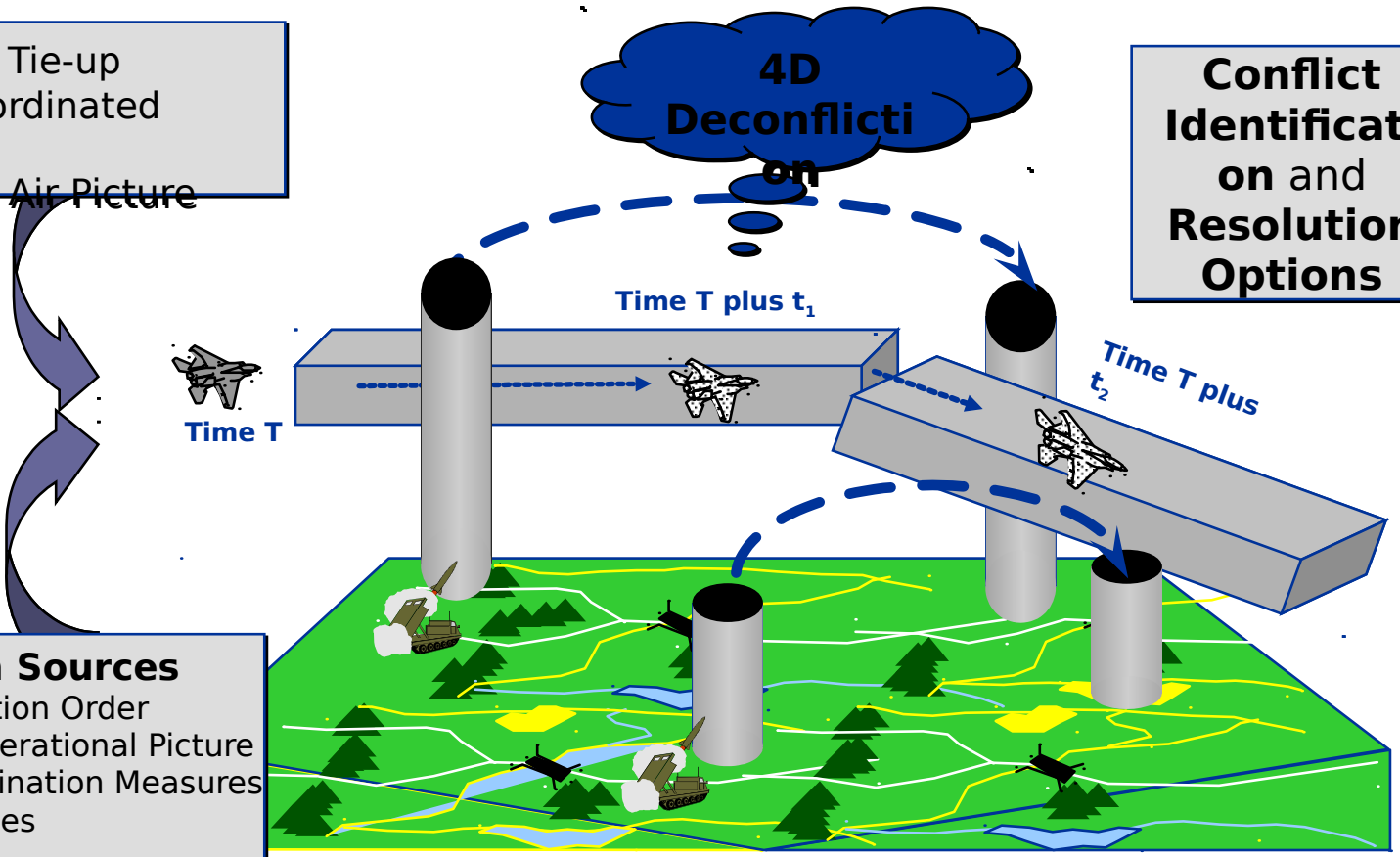
Optimized Weapon/Target Pairs

- Options
- Rationale
- Temporal Viability
- Airspace Deconfliction Resolution Options

Employ Best Joint Weapons in a Dynamic Battlespace to Strike Priority TCTs

4D Dynamic Airspace Deconfliction

- Weapon Target Tie-up
- Preplanned Coordinated Airspace
- Near Real-Time Air Picture



Conflict Identification and Resolution Options

Information Sources
- Airspace Coordination Order
- GCCS Common Operational Picture
- Fire Support Coordination Measures
- Restricted Fire Zones
- Mission Plans

Resolution Options: Procedural and Temporal

Summary

- Focused on Attacking Time Critical Targets Using the Optimum Joint Weapon System
- JCSE ACTD Concluded on 1 October 2002